

ABSTRACT OF THE DISCLOSURE

A choke 10, for suppressing radio-frequency interference of a brush-type motor, includes a single wire having a portion 15 wound about a coil axis A to define a plurality of coils 14 including two outermost coils 16 and 18. An attaching structure 20 extends from each outermost coil and is disposed generally transverse with respect to the coil axis. Each attaching structure is constructed and arranged to be inserted through an associated opening in a supporting structure and to be bent so as to secure the choke to the supporting structure. An elongated end portion 22 extends from each attaching structure so as to be spaced from and generally parallel to the coil axis. The elongated end portions extend in opposite directions. One of the elongated end portions is constructed and arranged to be directly electrically connected to an electrical connector of a motor and the other of the elongated end portions is constructed and arranged to be in electrical connection with a brush of the motor.

(FIG. 1)